

**ABSTRACT**

Apparatus and methods for treating process water and wastewater from potato processing plants. The process water and wastewater is purified using a dual-stage process with a first stage comprising a filtration process removing suspended waste 5 particulates with a large size and a second stage comprising a filtration process removing dissolved waste particulates with a smaller size. By capturing the solid potato waste and recovering it, the yield of the potato process can be increased. Further, this process reduces the solids present in the process water and wastewater, permitting them to be recycled or used as clean water.